

EPSON Stylus Pro 10000 Print Engine Specifications

Printing Method

6-color (CcMmYK) Variable Droplet Micro Piezo DX3 drop-on-demand ink jet technology with Photo Accelerator Technology and Automatic Nozzle Verification Technology

Nozzle Configuration

Monochrome head: 180 nozzles (K)
Color head: 180 nozzles x 5 (CcMmY)

Droplet Technology

Smallest droplet size: 5 picoliter
Variable droplet produces up to 3 different sizes per print line

Resolution

1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi

Print Engine Speed[‡]

Depending upon the print mode being used, print engine speeds will vary from 25 ft²/hr to a maximum of 231 ft²/hr

Depending upon the print job, everyday "production quality" print speeds are typically ~87 to 125 ft²/hr

Acoustic Noise Level

Approximately 50 dB(A) according to ISO 7779

Printer Language

EPSON ESC/P Raster Photographic Drivers standard
ZEHPlot high speed HPGL/2 printing utility standard

External server based Adobe PostScript 3 with optional software RIP.
Also supported by most leading third-party RIPs and workflows

Operating Systems Supported

Macintosh OS 8.5.1 through 9.1
Windows 95, 98, 2000, Me or NT 4.0

Printer Interfaces

Built-in FireWire® (IEEE-1394), USB 1.1, Parallel (IEEE-1284 ECP Mode), and one Epson Type-B Expansion Slot for installing the Optional 10/100 BaseT expansion card

Dimensions & Weights

73.4" (W) x 48.2" (H) x 28" (D)
Printer weight: 291 lb with legs

Printable Area

Maximum paper width: 44.02"
Left and right print margins: 3 mm each (0.24" total)
Maximum printable width: 43.78"
Maximum printable length: Up to 100' (limited by roll length)
(limited by software application)

Media Handling

Media input: Dual rolls up to 44" width
Cut sheet size: Up to 44" wide media (auto-loading)
Max. roll media diameter: Up to 4"
Media core compatibility: Handles both 2" and 3" cored media
Weight: 12 lb bond up to 1.5 mm cardboard
Built-in media cutter: Automatic or manual cutting
Optional manual media cutter: Used for cutting very thick media types

YOU'VE GOT TO SEE IT IN  COLOR.™

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EPSON Intelligent Ink Cartridge

Ink cartridge yield: 500 ml each color x 6 colors total
Ink cartridge shelf life: 2 years from printed production date or 6 months after open for Archival Ink and 2 years after open for Photographic Dye

On cartridge I.C. chip automatically tracks several ink usage data points for use in very accurate production cost estimations and reporting

Environmental Characteristics

Temperature operating: 50° to 95° F (10° to 35° C)
Storage: 4° to 140° F (-20° to 40° C)
Humidity operating: 20 to 80% relative humidity
Storage: 5 to 85% relative humidity (no condensation)

Safety Approval

Safety standards: UL1950, CSA 22.2 950 FDA
EMI: FCC Part 15 subpart B class A, CSA C108.8 class A

Engine Reliability

Total print volume: 20,000 B0 pages at 720 x 360 dpi
Print head life: 28 billion shots per nozzle
Cutter life: 2,000 times (B0+)
Maintenance parts: Ink pad, pump unit, flushing box, head cleaner, cap assembly

Electrical Requirements

Voltage: 120 V (90 to 264 V)
Frequency: 50 to 60 Hz
Current: 1.4 - 0.7A
Power consumption: Approx. 140W (operating)
>29W (Standby) Energy Star compliant

Product/Accessories Part Numbers

EPSON Stylus Pro 10000 Print Engine w/Archival Ink	C362111ARC
EPSON Stylus Pro 10000 Print Engine w/Photographic Dye	C362111DYE

Internal 10/100 BaseT Type-B Card C823632A

Additional One-year EPSON Preferred Plus Service EPP10B1
Additional Two-year EPSON Preferred Plus Service EPP10B2

Automatic Take-up Reel System C815172
Replacement 44" Take-Up Reel Core C815121
Paper Roller Spindle (High Tension) —2" C811134
Paper Roller Spindle (High Tension) —3" C811122
Replacement Media Cutter Blade C815131

Manual Media Cutting System C815182
Replacement Manual Cutting Blade C815192

EPSON Ink Technology

Black ink cartridge	Photo Dye	Archival
Yellow ink cartridge	T499201	T511201
Magenta ink cartridge	T500201	T512201
Cyan ink cartridge	T501201	T513201
Light Magenta ink cartridge	T502201	T514201
Light Cyan ink cartridge	T503201	T515201
	T504201	T516201

[‡] Based upon print engine speed only. Total throughput times depend upon front end RIP, file size, printer resolution, ink coverage, networking, etc.

